

Name: _____

pa1030: Box multiplication of linear binomials (v4)

Example

Use the box method to multiply $(6x + 3)$ and $(2x + 4)$.

*	$6x$	3	
$2x$	$12x^2$	$6x$	$12x^2 + 6x + 24x + 12$
4	$24x$	12	Combine like terms.
			$12x^2 + 30x + 12$

ANSWER: $12x^2 + 30x + 12$

Question 1

Use the box method to multiply $(9x + 4)$ and $(8x + 7)$.

*	$9x$	4
$8x$		
7		

ANSWER:

Question 2

Use the box method to multiply $(8x - 5)$ and $(4x + 6)$.

*	$8x$	-5
$4x$		
6		

ANSWER:

Question 3

Use the box method to multiply $(7x - 9)$ and $(-3x - 2)$.

*		

ANSWER: